

**Experiment Number:** 10260 - 01  
**Test Type:** Chronic PN  
**Route:** DOSED FEED  
**Species/Strain:** RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**  
2-Hydroxy-4-methoxybenzophenone  
**CAS Number:** 131-57-7

**Date Report Requested:** 12/19/2019  
**Time Report Requested:** 15:00:32  
**First Dose M/F:** 11/08/10 / 11/09/10  
**Lab:** BAT

Custom Report with Litter-Based Statistics

<b>NTP Study Number:</b>	C10260		
<b>Lock Date:</b>	07/22/2014		
<b>Cage Range:</b>	ALL		
<b>Date Range:</b>	ALL		
<b>Reasons For Removal:</b>	25021 TSAC	25020 NATD	25019 MSAC
<b>Removal Date Range:</b>	ALL		
<b>Treatment Groups:</b>	Include ALL		
<b>Study Gender:</b>	Both		
<b>TDMSE Version:</b>	2.5.0.0_sfh		
<b>PWG Approval Date:</b>	12/22/2016		

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**FOR ALL DOSES THE TUMOR RATES IN THE FOLLOWING TISSUES/ORGANS ARE BASED ON NUMBER OF TISSUES EXAMINED.  
IN OTHER TISSUES/ORGANS RATES ARE BASED ON THE NUMBER OF ANIMALS NECROPSIED.**

Adrenal Cortex  
Adrenal Medulla  
Brain  
Islets, Pancreatic  
Liver  
Lung  
Pancreas  
Pituitary Gland  
Testes  
Thyroid Gland

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**SUMMARY OF STATISTICALLY SIGNIFICANT (P<=.05) RESULTS IN THE ANALYSIS OF 2-HYDROXY-4-METHOXYBENZOPHENONE**

**FEMALE RATS**

**Organ**

Adrenal Medulla

Lung

Mammary Gland

Pituitary Gland: Pars Distalis or Unspecified Site

Skin

Thyroid Gland: C-Cell

Uterus

All Organs

**Morphology**

Pheochromocytoma: Benign, Complex, Malignant, NOS

Cystic Keratinizing Epithelioma

Carcinoma

Fibroadenoma

Fibroma, Fibroadenoma, Carcinoma, or Adenoma

Adenoma

Squamous Cell Carcinoma

Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma

Adenoma

Carcinoma or Adenoma

Carcinoma

Polyp Stromal

Sarcoma Stromal or Polyp Stromal

Hemangiosarcoma

Hemangiosarcoma or Hemangioma

Benign Tumors

Malignant and Benign Tumors

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Adrenal Cortex</b>				
<b>Adenoma</b>				
<hr/>				
<b>TUMOR RATES</b>				
OVERALL (a)	3/50 (6%)	4/50 (8%)	3/50 (6%)	2/50 (4%)
LITTERS (b)	3/29 (10%)	4/25 (16%)	2/25 (8%)	2/28 (7%)
POLY-3 RATE (c)	3/46.32	4/42.56	3/41.71	2/43.14
POLY-3 PERCENT (g)	6.5%	9.4%	7.2%	4.6%
TERMINAL (d)	1/30 (3%)	3/29 (10%)	2/24 (8%)	2/33 (6%)
FIRST INCIDENCE	673	715	698	729 (T)
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.359N	P=0.454	P=0.613	P=0.532N
POLY 1.5	P=0.357N	P=0.467	P=0.634	P=0.526N
POLY 6	P=0.356N	P=0.440	P=0.584	P=0.535N
RAO-SCOTT	P=0.375N	P=0.472	P=0.616	P=0.547N
LITTER C-A/FISHERS	P=0.328N	P=0.415	P=0.572N	P=0.517N

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Adrenal Medulla</b>				
<b>Pheochromocytoma Benign</b>				
<hr/>				
<b>TUMOR RATES</b>				
OVERALL (a)	9/50 (18%)	4/50 (8%)	12/50 (24%)	7/50 (14%)
LITTERS (b)	8/29 (28%)	3/25 (12%)	9/25 (36%)	6/28 (21%)
POLY-3 RATE (c)	9/46.22	4/42.74	12/43.45	7/43.15
POLY-3 PERCENT (g)	19.5%	9.4%	27.6%	16.2%
TERMINAL (d)	5/30 (17%)	3/29 (10%)	5/24 (21%)	6/33 (18%)
FIRST INCIDENCE	680	666	573	728
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.561N	P=0.146N	P=0.254	P=0.451N
POLY 1.5	P=0.559N	P=0.138N	P=0.277	P=0.441N
POLY 6	P=0.554N	P=0.154N	P=0.229	P=0.454N
RAO-SCOTT	P=0.565N	P=0.189N	P=0.293	P=0.472N
LITTER C-A/FISHERS	P=0.526N	P=0.140N	P=0.355	P=0.409N

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Adrenal Medulla</b>				
<b>Pheochromocytoma Malignant</b>				
<hr/>				
<b>TUMOR RATES</b>				
OVERALL (a)	3/50 (6%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	3/29 (10%)	1/25 (4%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	3/45.90	1/42.50	0/41.59	0/43.14
POLY-3 PERCENT (g)	6.5%	2.4%	0%	0%
TERMINAL (d)	3/30 (10%)	1/29 (3%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.104N	P=0.333N	P=0.137N	P=0.130N
POLY 1.5	P=0.106N	P=0.326N	P=0.129N	P=0.129N
POLY 6	P=0.101N	P=0.340N	P=0.148N	P=0.129N
RAO-SCOTT	P=0.174N	P=0.396N	P=0.209N	P=0.205N
LITTER C-A/FISHERS	P=0.107N	P=0.364N	P=0.147N	P=0.125N

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Adrenal Medulla</b>				
<b>Pheochromocytoma: Benign, Complex, Malignant, NOS</b>				
<hr/>				
<b>TUMOR RATES</b>				
OVERALL (a)	12/50 (24%)	5/50 (10%)	12/50 (24%)	7/50 (14%)
LITTERS (b)	11/29 (38%)	4/25 (16%)	9/25 (36%)	6/28 (21%)
POLY-3 RATE (c)	12/46.22	5/42.74	12/43.45	7/43.15
POLY-3 PERCENT (g)	26%	11.7%	27.6%	16.2%
TERMINAL (d)	8/30 (27%)	4/29 (14%)	5/24 (21%)	6/33 (18%)
FIRST INCIDENCE	680	666	573	728
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.314N	P=0.073N	P=0.525	P=0.193N
POLY 1.5	P=0.315N	P=0.068N	P=0.552	P=0.186N
POLY 6	P=0.304N	P=0.078N	P=0.494	P=0.193N
RAO-SCOTT	P=0.342N	P=0.098N	P=0.530	P=0.221N
LITTER C-A/FISHERS	P=0.258N	P=0.067N	P=0.555N	P=0.142N

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TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Brain</b>				
<b>Granular Cell Tumor Benign</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
LITTERS (b)	2/29 (7%)	0/25 (0%)	1/25 (4%)	1/28 (4%)
POLY-3 RATE (c)	2/45.90	0/42.50	1/41.71	1/43.16
POLY-3 PERCENT (g)	4.4%	0%	2.4%	2.3%
TERMINAL (d)	2/30 (7%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	729 (T)	---	698	724
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.621N	P=0.255N	P=0.533N	P=0.521N
POLY 1.5	P=0.625N	P=0.250N	P=0.519N	P=0.519N
POLY 6	P=0.615N	P=0.259N	P=0.551N	P=0.520N
RAO-SCOTT	P=0.632N	P=0.296N	P=0.547N	P=0.540N
LITTER C-A/FISHERS	P=0.615N	P=0.284N	P=0.557N	P=0.513N



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TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Brain</b>				
<b>Meningioma Malignant</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	3/50 (6%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	1/25 (4%)	2/25 (8%)	0/28 (0%)
POLY-3 RATE (c)	0/45.90	1/43.49	3/42.90	0/43.14
POLY-3 PERCENT (g)	0%	2.3%	7%	0%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	1/24 (4%)	0/33 (0%)
FIRST INCIDENCE	---	162	430	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.498N	P=0.489	P=0.107	(e)
POLY 1.5	P=0.496N	P=0.493	P=0.112	(e)
POLY 6	P=0.496N	P=0.486	P=0.100	(e)
RAO-SCOTT	P=0.583N	P=0.706	P=0.291	(e)
LITTER C-A/FISHERS	P=0.491N	P=0.463	P=0.210	(e)

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TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Intestine Small: Jejunum Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	1/29 (3%)	2/25 (8%)	0/25 (0%)	2/28 (7%)
POLY-3 RATE (c)	1/45.90	2/42.50	0/41.59	2/43.21
POLY-3 PERCENT (g)	2.2%	4.7%	0%	4.6%
TERMINAL (d)	1/30 (3%)	2/29 (7%)	0/24 (0%)	1/33 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	---	712
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.441	P=0.473	P=0.520N	P=0.479
POLY 1.5	P=0.442	P=0.480	P=0.511N	P=0.482
POLY 6	P=0.446	P=0.467	P=0.530N	P=0.480
RAO-SCOTT	P=0.468	P=0.505	P=0.562N	P=0.512
LITTER C-A/FISHERS	P=0.466	P=0.443	P=0.537N	P=0.487

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TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Intestine Small: Jejunum Leiomyoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	0/45.90	0/42.50	0/41.59	0/43.14
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

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DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Intestine Small: Site Unspecified Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	1/29 (3%)	2/25 (8%)	0/25 (0%)	2/28 (7%)
POLY-3 RATE (c)	1/45.90	2/42.50	0/41.59	2/43.21
POLY-3 PERCENT (g)	2.2%	4.7%	0%	4.6%
TERMINAL (d)	1/30 (3%)	2/29 (7%)	0/24 (0%)	1/33 (3%)
FIRST INCIDENCE	729 (T)	729 (T)	---	712
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.441	P=0.473	P=0.520N	P=0.479
POLY 1.5	P=0.442	P=0.480	P=0.511N	P=0.482
POLY 6	P=0.446	P=0.467	P=0.530N	P=0.480
RAO-SCOTT	P=0.468	P=0.505	P=0.562N	P=0.512
LITTER C-A/FISHERS	P=0.466	P=0.443	P=0.537N	P=0.487

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TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Intestine Small: Site Unspecified Leiomyoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	0/45.90	0/42.50	0/41.59	0/43.14
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

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TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Islets, Pancreatic Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	3/50 (6%)	4/50 (8%)	4/50 (8%)	1/50 (2%)
LITTERS (b)	3/29 (10%)	4/25 (16%)	2/25 (8%)	1/28 (4%)
POLY-3 RATE (c)	3/46.50	4/42.68	4/42.45	1/43.14
POLY-3 PERCENT (g)	6.5%	9.4%	9.4%	2.3%
TERMINAL (d)	2/30 (7%)	3/29 (10%)	1/24 (4%)	1/33 (3%)
FIRST INCIDENCE	540	683	576	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.189N	P=0.453	P=0.450	P=0.333N
POLY 1.5	P=0.187N	P=0.466	P=0.471	P=0.328N
POLY 6	P=0.186N	P=0.442	P=0.426	P=0.334N
RAO-SCOTT	P=0.249N	P=0.503	P=0.500	P=0.414N
LITTER C-A/FISHERS	P=0.158N	P=0.415	P=0.572N	P=0.319N

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TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Islets, Pancreatic Carcinoma or Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	3/50 (6%)	4/50 (8%)	4/50 (8%)	2/50 (4%)
LITTERS (b)	3/29 (10%)	4/25 (16%)	2/25 (8%)	2/28 (7%)
POLY-3 RATE (c)	3/46.50	4/42.68	4/42.45	2/43.14
POLY-3 PERCENT (g)	6.5%	9.4%	9.4%	4.6%
TERMINAL (d)	2/30 (7%)	3/29 (10%)	1/24 (4%)	2/33 (6%)
FIRST INCIDENCE	540	683	576	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.356N	P=0.453	P=0.450	P=0.534N
POLY 1.5	P=0.353N	P=0.466	P=0.471	P=0.528N
POLY 6	P=0.353N	P=0.442	P=0.426	P=0.536N
RAO-SCOTT	P=0.391N	P=0.495	P=0.492	P=0.570N
LITTER C-A/FISHERS	P=0.328N	P=0.415	P=0.572N	P=0.517N

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Liver</b>				
<b>Hepatocellular Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	1/28 (4%)
POLY-3 RATE (c)	0/45.90	0/42.50	0/41.59	1/43.21
POLY-3 PERCENT (g)	0%	0%	0%	2.3%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	712
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)



Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Liver</b>				
<b>Hepatocellular Carcinoma or Hepatocellular Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	0/29 (0%)	1/25 (4%)	0/25 (0%)	1/28 (4%)
POLY-3 RATE (c)	0/45.90	1/42.50	0/41.59	1/43.21
POLY-3 PERCENT (g)	0%	2.4%	0%	2.3%
TERMINAL (d)	0/30 (0%)	1/29 (3%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	---	729 (T)	---	712
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<hr/>				
Liver				
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma				
<hr/>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	0/29 (0%)	1/25 (4%)	0/25 (0%)	1/28 (4%)
POLY-3 RATE (c)	0/45.90	1/42.50	0/41.59	1/43.21
POLY-3 PERCENT (g)	0%	2.4%	0%	2.3%
TERMINAL (d)	0/30 (0%)	1/29 (3%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	---	729 (T)	---	712
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Lung</b>				
<b>Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
LITTERS (b)	1/29 (3%)	0/25 (0%)	2/25 (8%)	0/28 (0%)
POLY-3 RATE (c)	1/45.99	0/42.50	2/41.96	0/43.14
POLY-3 PERCENT (g)	2.2%	0%	4.8%	0%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	1/24 (4%)	0/33 (0%)
FIRST INCIDENCE	708	---	624	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.446N	P=0.516N	P=0.468	P=0.513N
POLY 1.5	P=0.447N	P=0.511N	P=0.481	P=0.511N
POLY 6	P=0.441N	P=0.520N	P=0.451	P=0.513N
RAO-SCOTT	P=0.503N	P=0.610N	P=0.529	P=0.611N
LITTER C-A/FISHERS	P=0.433N	P=0.537N	P=0.443	P=0.509N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Lung</b>				
<b>Cystic Keratinizing Epithelioma</b>				
<hr/>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	0/45.90	0/42.50	0/41.59	0/43.14
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

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Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Mammary Gland Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	2/29 (7%)	0/25 (0%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	2/46.27	0/42.50	0/41.59	0/43.14
POLY-3 PERCENT (g)	4.3%	0%	0%	0%
TERMINAL (d)	1/30 (3%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	626	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.247N	P=0.257N	P=0.262N	P=0.253N
POLY 1.5	P=0.251N	P=0.251N	P=0.251N	P=0.250N
POLY 6	P=0.241N	P=0.262N	P=0.276N	P=0.254N
RAO-SCOTT	P=0.398N	P=0.406N	P=0.407N	P=0.405N
LITTER C-A/FISHERS	P=0.259N	P=0.284N	P=0.284N	P=0.254N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Mammary Gland Fibroadenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	2/29 (7%)	0/25 (0%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	2/45.90	0/42.50	0/41.59	0/43.14
POLY-3 PERCENT (g)	4.4%	0%	0%	0%
TERMINAL (d)	2/30 (7%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.248N	P=0.255N	P=0.260N	P=0.251N
POLY 1.5	P=0.252N	P=0.250N	P=0.250N	P=0.249N
POLY 6	P=0.242N	P=0.259N	P=0.273N	P=0.250N
RAO-SCOTT	P=0.390N	P=0.395N	P=0.396N	P=0.394N
LITTER C-A/FISHERS	P=0.259N	P=0.284N	P=0.284N	P=0.254N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Mammary Gland</b>				
<b>Fibroma, Fibroadenoma, Carcinoma, or Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	3/50 (6%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	3/29 (10%)	0/25 (0%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	3/46.27	0/42.50	0/41.59	0/43.14
POLY-3 PERCENT (g)	6.5%	0%	0%	0%
TERMINAL (d)	2/30 (7%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	626	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.134N	P=0.135N	P=0.139N	P=0.132N
POLY 1.5	P=0.138N	P=0.130N	P=0.130N	P=0.130N
POLY 6	P=0.129N	P=0.139N	P=0.151N	P=0.132N
RAO-SCOTT	P=0.264N	P=0.256N	P=0.258N	P=0.254N
LITTER C-A/FISHERS	P=0.147N	P=0.147N	P=0.147N	P=0.125N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Pancreas</b>				
<b>Adenoma</b>				
<hr/>				
<b>TUMOR RATES</b>				
OVERALL (a)	5/50 (10%)	7/50 (14%)	5/50 (10%)	9/50 (18%)
LITTERS (b)	5/29 (17%)	5/25 (20%)	5/25 (20%)	9/28 (32%)
POLY-3 RATE (c)	5/45.90	7/42.88	5/41.59	9/43.14
POLY-3 PERCENT (g)	10.9%	16.3%	12%	20.9%
TERMINAL (d)	5/30 (17%)	5/29 (17%)	5/24 (21%)	9/33 (27%)
FIRST INCIDENCE	729 (T)	640	729 (T)	729 (T)
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.151	P=0.331	P=0.567	P=0.158
POLY 1.5	P=0.153	P=0.343	P=0.594	P=0.164
POLY 6	P=0.154	P=0.323	P=0.531	P=0.158
RAO-SCOTT	P=0.173	P=0.346	P=0.564	P=0.179
LITTER C-A/FISHERS	P=0.108	P=0.534	P=0.534	P=0.159

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Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Pancreas</b>				
<b>Carcinoma or Adenoma</b>				
<hr/>				
<b>TUMOR RATES</b>				
OVERALL (a)	5/50 (10%)	8/50 (16%)	5/50 (10%)	9/50 (18%)
LITTERS (b)	5/29 (17%)	6/25 (24%)	5/25 (20%)	9/28 (32%)
POLY-3 RATE (c)	5/45.90	8/42.88	5/41.59	9/43.14
POLY-3 PERCENT (g)	10.9%	18.7%	12%	20.9%
TERMINAL (d)	5/30 (17%)	6/29 (21%)	5/24 (21%)	9/33 (27%)
FIRST INCIDENCE	729 (T)	640	729 (T)	729 (T)
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.187	P=0.232	P=0.567	P=0.158
POLY 1.5	P=0.189	P=0.243	P=0.594	P=0.164
POLY 6	P=0.190	P=0.224	P=0.531	P=0.158
RAO-SCOTT	P=0.210	P=0.251	P=0.564	P=0.179
LITTER C-A/FISHERS	P=0.142	P=0.390	P=0.534	P=0.159

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

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Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male

---

**Pituitary Gland: Pars Distalis or Unspecified Site  
Adenoma**

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**TUMOR RATES**

OVERALL (a)	14/50 (28%)	13/50 (26%)	12/50 (24%)	10/50 (20%)
LITTERS (b)	13/29 (45%)	11/25 (44%)	11/25 (44%)	10/28 (36%)
POLY-3 RATE (c)	14/46.43	13/42.89	12/42.07	10/43.83
POLY-3 PERCENT (g)	30.2%	30.3%	28.5%	22.8%
TERMINAL (d)	9/30 (30%)	11/29 (38%)	8/24 (33%)	8/33 (24%)
FIRST INCIDENCE	666	673	675	619

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**STATISTICAL TESTS**

POLY 3	P=0.226N	P=0.585	P=0.526N	P=0.291N
POLY 1.5	P=0.233N	P=0.570N	P=0.476N	P=0.286N
POLY 6	P=0.208N	P=0.561	P=0.592N	P=0.285N
RAO-SCOTT	P=0.227N	P=0.576	P=0.517N	P=0.287N
LITTER C-A/FISHERS	P=0.273N	P=0.585N	P=0.585N	P=0.334N

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Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Pituitary Gland: Pars Intermedia Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	2/50 (4%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	2/29 (7%)	2/25 (8%)	1/25 (4%)	0/28 (0%)
POLY-3 RATE (c)	2/46.09	2/42.50	1/41.59	0/43.14
POLY-3 PERCENT (g)	4.3%	4.7%	2.4%	0%
TERMINAL (d)	1/30 (3%)	2/29 (7%)	1/24 (4%)	0/33 (0%)
FIRST INCIDENCE	680	729 (T)	729 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.154N	P=0.664	P=0.536N	P=0.252N
POLY 1.5	P=0.154N	P=0.673	P=0.521N	P=0.250N
POLY 6	P=0.152N	P=0.657	P=0.556N	P=0.252N
RAO-SCOTT	P=0.190N	P=0.667	P=0.552N	P=0.301N
LITTER C-A/FISHERS	P=0.144N	P=0.636	P=0.557N	P=0.254N

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Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Skin</b>				
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	4/50 (8%)	2/50 (4%)	2/50 (4%)	1/50 (2%)
LITTERS (b)	4/29 (14%)	2/25 (8%)	2/25 (8%)	1/28 (4%)
POLY-3 RATE (c)	4/45.99	2/42.50	2/41.89	1/43.22
POLY-3 PERCENT (g)	8.7%	4.7%	4.8%	2.3%
TERMINAL (d)	3/30 (10%)	2/29 (7%)	1/24 (4%)	0/33 (0%)
FIRST INCIDENCE	707	729 (T)	646	710
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.194N	P=0.374N	P=0.381N	P=0.198N
POLY 1.5	P=0.196N	P=0.364N	P=0.363N	P=0.196N
POLY 6	P=0.188N	P=0.384N	P=0.405N	P=0.197N
RAO-SCOTT	P=0.210N	P=0.378N	P=0.383N	P=0.210N
LITTER C-A/FISHERS	P=0.180N	P=0.409N	P=0.409N	P=0.187N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Skin</b>				
<b>Fibroma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	3/50 (6%)	3/50 (6%)	4/50 (8%)	3/50 (6%)
LITTERS (b)	3/29 (10%)	3/25 (12%)	4/25 (16%)	3/28 (11%)
POLY-3 RATE (c)	3/46.15	3/42.59	4/43.11	3/44.31
POLY-3 PERCENT (g)	6.5%	7%	9.3%	6.8%
TERMINAL (d)	1/30 (3%)	2/29 (7%)	0/24 (0%)	1/33 (3%)
FIRST INCIDENCE	670	708	467	380
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.591N	P=0.625	P=0.463	P=0.643
POLY 1.5	P=0.596N	P=0.635	P=0.479	P=0.644
POLY 6	P=0.581N	P=0.615	P=0.442	P=0.647
RAO-SCOTT	P=0.581N	P=0.611	P=0.452	P=0.632
LITTER C-A/FISHERS	P=0.569N	P=0.591	P=0.415	P=0.648

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Skin</b>				
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Malignant Fibrous Histiocytoma				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	3/50 (6%)	3/50 (6%)	4/50 (8%)	3/50 (6%)
LITTERS (b)	3/29 (10%)	3/25 (12%)	4/25 (16%)	3/28 (11%)
POLY-3 RATE (c)	3/46.15	3/42.59	4/43.11	3/44.31
POLY-3 PERCENT (g)	6.5%	7%	9.3%	6.8%
TERMINAL (d)	1/30 (3%)	2/29 (7%)	0/24 (0%)	1/33 (3%)
FIRST INCIDENCE	670	708	467	380
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.591N	P=0.625	P=0.463	P=0.643
POLY 1.5	P=0.596N	P=0.635	P=0.479	P=0.644
POLY 6	P=0.581N	P=0.615	P=0.442	P=0.647
RAO-SCOTT	P=0.581N	P=0.611	P=0.452	P=0.632
LITTER C-A/FISHERS	P=0.569N	P=0.591	P=0.415	P=0.648

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Skin</b>				
<b>Keratoacanthoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	2/29 (7%)	0/25 (0%)	0/25 (0%)	1/28 (4%)
POLY-3 RATE (c)	2/45.90	0/42.50	0/41.59	1/43.22
POLY-3 PERCENT (g)	4.4%	0%	0%	2.3%
TERMINAL (d)	2/30 (7%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	729 (T)	---	---	710
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.661N	P=0.255N	P=0.260N	P=0.521N
POLY 1.5	P=0.665N	P=0.250N	P=0.250N	P=0.518N
POLY 6	P=0.654N	P=0.259N	P=0.273N	P=0.519N
RAO-SCOTT	P=0.688N	P=0.346N	P=0.347N	P=0.571N
LITTER C-A/FISHERS	P=0.662N	P=0.284N	P=0.284N	P=0.513N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Skin</b>				
<b>Lipoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	2/29 (7%)	0/25 (0%)	0/25 (0%)	1/28 (4%)
POLY-3 RATE (c)	2/45.90	0/42.50	0/41.59	1/43.14
POLY-3 PERCENT (g)	4.4%	0%	0%	2.3%
TERMINAL (d)	2/30 (7%)	0/29 (0%)	0/24 (0%)	1/33 (3%)
FIRST INCIDENCE	729 (T)	---	---	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.661N	P=0.255N	P=0.260N	P=0.522N
POLY 1.5	P=0.666N	P=0.250N	P=0.250N	P=0.519N
POLY 6	P=0.655N	P=0.259N	P=0.273N	P=0.521N
RAO-SCOTT	P=0.689N	P=0.351N	P=0.353N	P=0.574N
LITTER C-A/FISHERS	P=0.662N	P=0.284N	P=0.284N	P=0.513N



Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Skin</b>				
<b>Squamous Cell Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	1/25 (4%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	0/45.90	1/42.50	0/41.59	0/43.14
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/30 (0%)	1/29 (3%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Skin</b>				
<b>Squamous Cell Papilloma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
LITTERS (b)	2/29 (7%)	1/25 (4%)	2/25 (8%)	0/28 (0%)
POLY-3 RATE (c)	2/45.99	1/42.50	2/41.89	0/43.14
POLY-3 PERCENT (g)	4.4%	2.4%	4.8%	0%
TERMINAL (d)	1/30 (3%)	1/29 (3%)	1/24 (4%)	0/33 (0%)
FIRST INCIDENCE	707	729 (T)	646	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.214N	P=0.527N	P=0.660	P=0.252N
POLY 1.5	P=0.215N	P=0.520N	P=0.674	P=0.250N
POLY 6	P=0.210N	P=0.535N	P=0.641	P=0.251N
RAO-SCOTT	P=0.253N	P=0.549N	P=0.663	P=0.303N
LITTER C-A/FISHERS	P=0.202N	P=0.557N	P=0.636	P=0.254N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Skin</b>				
<b>Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
<b>OVERALL (a)</b>	4/50 (8%)	2/50 (4%)	2/50 (4%)	1/50 (2%)
<b>LITTERS (b)</b>	4/29 (14%)	2/25 (8%)	2/25 (8%)	1/28 (4%)
<b>POLY-3 RATE (c)</b>	4/45.99	2/42.50	2/41.89	1/43.22
<b>POLY-3 PERCENT (g)</b>	8.7%	4.7%	4.8%	2.3%
<b>TERMINAL (d)</b>	3/30 (10%)	2/29 (7%)	1/24 (4%)	0/33 (0%)
<b>FIRST INCIDENCE</b>	707	729 (T)	646	710
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.194N	P=0.374N	P=0.381N	P=0.198N
<b>POLY 1.5</b>	P=0.196N	P=0.364N	P=0.363N	P=0.196N
<b>POLY 6</b>	P=0.188N	P=0.384N	P=0.405N	P=0.197N
<b>RAO-SCOTT</b>	P=0.210N	P=0.378N	P=0.383N	P=0.210N
<b>LITTER C-A/FISHERS</b>	P=0.180N	P=0.409N	P=0.409N	P=0.187N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Skin</b>				
<b>Squamous Cell Papilloma, Papilloma, or Keratoacanthoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	4/50 (8%)	1/50 (2%)	2/50 (4%)	1/50 (2%)
LITTERS (b)	4/29 (14%)	1/25 (4%)	2/25 (8%)	1/28 (4%)
POLY-3 RATE (c)	4/45.99	1/42.50	2/41.89	1/43.22
POLY-3 PERCENT (g)	8.7%	2.4%	4.8%	2.3%
TERMINAL (d)	3/30 (10%)	1/29 (3%)	1/24 (4%)	0/33 (0%)
FIRST INCIDENCE	707	729 (T)	646	710
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.243N	P=0.203N	P=0.381N	P=0.198N
POLY 1.5	P=0.246N	P=0.197N	P=0.363N	P=0.196N
POLY 6	P=0.235N	P=0.210N	P=0.405N	P=0.197N
RAO-SCOTT	P=0.271N	P=0.225N	P=0.392N	P=0.221N
LITTER C-A/FISHERS	P=0.233N	P=0.225N	P=0.409N	P=0.187N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Testes</b>				
<b>Adenoma</b>				
<hr/>				
<b>TUMOR RATES</b>				
OVERALL (a)	1/50 (2%)	3/50 (6%)	1/50 (2%)	2/50 (4%)
LITTERS (b)	1/29 (3%)	3/25 (12%)	1/25 (4%)	2/28 (7%)
POLY-3 RATE (c)	1/45.90	3/42.50	1/41.59	2/43.14
POLY-3 PERCENT (g)	2.2%	7.1%	2.4%	4.6%
TERMINAL (d)	1/30 (3%)	3/29 (10%)	1/24 (4%)	2/33 (6%)
FIRST INCIDENCE	729 (T)	729 (T)	729 (T)	729 (T)
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.557	P=0.278	P=0.738	P=0.478
POLY 1.5	P=0.559	P=0.285	P=0.748	P=0.481
POLY 6	P=0.561	P=0.271	P=0.726	P=0.479
RAO-SCOTT	P=0.564	P=0.301	P=0.731	P=0.492
LITTER C-A/FISHERS	P=0.592	P=0.251	P=0.716	P=0.487

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male

---

Thyroid Gland: C-Cell  
Adenoma

---

**TUMOR RATES**

OVERALL (a)	7/50 (14%)	10/50 (20%)	8/50 (16%)	8/50 (16%)
LITTERS (b)	6/29 (21%)	9/25 (36%)	8/25 (32%)	7/28 (25%)
POLY-3 RATE (c)	7/46.21	10/42.59	8/42.52	8/43.22
POLY-3 PERCENT (g)	15.2%	23.5%	18.8%	18.5%
TERMINAL (d)	5/30 (17%)	9/29 (31%)	4/24 (17%)	7/33 (21%)
FIRST INCIDENCE	670	708	573	710

---

**STATISTICAL TESTS**

POLY 3	P=0.556	P=0.233	P=0.430	P=0.444
POLY 1.5	P=0.559	P=0.251	P=0.459	P=0.453
POLY 6	P=0.564	P=0.216	P=0.393	P=0.442
RAO-SCOTT	P=0.559	P=0.237	P=0.427	P=0.441
LITTER C-A/FISHERS	P=0.499N	P=0.172	P=0.263	P=0.471

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male

---

Thyroid Gland: C-Cell  
Carcinoma

---

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
LITTERS (b)	1/29 (3%)	0/25 (0%)	1/25 (4%)	1/28 (4%)
POLY-3 RATE (c)	1/46.05	0/42.50	2/41.71	1/43.14
POLY-3 PERCENT (g)	2.2%	0%	4.8%	2.3%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	1/24 (4%)	1/33 (3%)
FIRST INCIDENCE	692	---	698	729 (T)

---

**STATISTICAL TESTS**

POLY 3	P=0.567	P=0.516N	P=0.466	P=0.746
POLY 1.5	P=0.566	P=0.512N	P=0.480	P=0.748
POLY 6	P=0.571	P=0.520N	P=0.447	P=0.746
RAO-SCOTT	P=0.623	P=0.682N	P=0.574	P=0.794
LITTER C-A/FISHERS	P=0.567	P=0.537N	P=0.716	P=0.746

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>Thyroid Gland: C-Cell Carcinoma or Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	8/50 (16%)	10/50 (20%)	10/50 (20%)	9/50 (18%)
LITTERS (b)	7/29 (24%)	9/25 (36%)	9/25 (36%)	8/28 (29%)
POLY-3 RATE (c)	8/46.36	10/42.59	10/42.65	9/43.22
POLY-3 PERCENT (g)	17.3%	23.5%	23.5%	20.8%
TERMINAL (d)	5/30 (17%)	9/29 (31%)	5/24 (21%)	8/33 (24%)
FIRST INCIDENCE	670	708	573	710
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.511	P=0.321	P=0.322	P=0.436
POLY 1.5	P=0.515	P=0.343	P=0.353	P=0.448
POLY 6	P=0.517	P=0.298	P=0.283	P=0.432
RAO-SCOTT	P=0.515	P=0.322	P=0.323	P=0.434
LITTER C-A/FISHERS	P=0.548N	P=0.257	P=0.257	P=0.468

---



Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>All Organs</b>				
<b>Hemangiosarcoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	1/25 (4%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	0/45.90	1/42.50	0/41.59	0/43.14
POLY-3 PERCENT (g)	0%	2.4%	0%	0%
TERMINAL (d)	0/30 (0%)	1/29 (3%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	---	729 (T)	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>All Organs</b>				
<b>Hemangiosarcoma or Hemangioma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	0/29 (0%)	1/25 (4%)	0/25 (0%)	1/28 (4%)
POLY-3 RATE (c)	0/45.90	1/42.50	0/41.59	1/43.65
POLY-3 PERCENT (g)	0%	2.4%	0%	2.3%
TERMINAL (d)	0/30 (0%)	1/29 (3%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	---	729 (T)	---	576
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male

---

All Organs  
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated

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TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/28 (0%)
POLY-3 RATE (c)	0/45.90	0/42.50	0/41.59	0/43.14
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/29 (0%)	0/24 (0%)	0/33 (0%)
FIRST INCIDENCE	---	---	---	---

---

STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>All Organs</b>				
<b>Mesothelioma: Benign, Malignant, NOS</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
LITTERS (b)	1/29 (3%)	0/25 (0%)	2/25 (8%)	1/28 (4%)
POLY-3 RATE (c)	1/45.90	0/42.50	2/41.81	1/43.14
POLY-3 PERCENT (g)	2.2%	0%	4.8%	2.3%
TERMINAL (d)	1/30 (3%)	0/29 (0%)	1/24 (4%)	1/33 (3%)
FIRST INCIDENCE	729 (T)	---	671	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.567	P=0.515N	P=0.467	P=0.747
POLY 1.5	P=0.567	P=0.511N	P=0.481	P=0.749
POLY 6	P=0.572	P=0.519N	P=0.450	P=0.748
RAO-SCOTT	P=0.573	P=0.549N	P=0.489	P=0.749
LITTER C-A/FISHERS	P=0.586	P=0.537N	P=0.443	P=0.746

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>All Organs</b>				
<b>Mesothelioma: Malignant</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	1/50 (2%)
LITTERS (b)	1/29 (3%)	0/25 (0%)	2/25 (8%)	1/28 (4%)
POLY-3 RATE (c)	1/45.90	0/42.50	2/41.81	1/43.14
POLY-3 PERCENT (g)	2.2%	0%	4.8%	2.3%
TERMINAL (d)	1/30 (3%)	0/29 (0%)	1/24 (4%)	1/33 (3%)
FIRST INCIDENCE	729 (T)	---	671	729 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.567	P=0.515N	P=0.467	P=0.747
POLY 1.5	P=0.567	P=0.511N	P=0.481	P=0.749
POLY 6	P=0.572	P=0.519N	P=0.450	P=0.748
RAO-SCOTT	P=0.573	P=0.549N	P=0.489	P=0.749
LITTER C-A/FISHERS	P=0.586	P=0.537N	P=0.443	P=0.746

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>All Organs</b>				
<b>Benign Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	38/50 (76%)	30/50 (60%)	36/50 (72%)	34/50 (68%)
LITTERS (b)	24/29 (83%)	19/25 (76%)	24/25 (96%)	22/28 (79%)
POLY-3 RATE (c)	38/48.05	30/43.86	36/46.51	34/45.68
POLY-3 PERCENT (g)	79.1%	68.4%	77.4%	74.4%
TERMINAL (d)	25/30 (83%)	22/29 (76%)	18/24 (75%)	25/33 (76%)
FIRST INCIDENCE	540	640	467	380
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.518N	P=0.166N	P=0.521N	P=0.383N
POLY 1.5	P=0.533N	P=0.128N	P=0.477N	P=0.365N
POLY 6	P=0.486N	P=0.212N	P=0.569N	P=0.387N
RAO-SCOTT	P=0.528N	P=0.191N	P=0.525N	P=0.397N
LITTER C-A/FISHERS	P=0.459N	P=0.390N	P=0.133	P=0.474N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>All Organs</b>				
<b>Malignant Tumors</b>				
<b>TUMOR RATES</b>				
	#	#	#	#
OVERALL (a)	11/50 (22%)	9/50 (18%)	10/50 (20%)	6/50 (12%)
LITTERS (b)	9/29 (31%)	8/25 (32%)	7/25 (28%)	6/28 (21%)
POLY-3 RATE (c)	11/46.50	9/43.78	10/44.12	6/43.44
POLY-3 PERCENT (g)	23.7%	20.6%	22.7%	13.8%
TERMINAL (d)	8/30 (27%)	7/29 (24%)	4/24 (17%)	4/33 (12%)
FIRST INCIDENCE	626	162	430	668
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.156N	P=0.460N	P=0.555N	P=0.178N
POLY 1.5	P=0.156N	P=0.440N	P=0.531N	P=0.172N
POLY 6	P=0.148N	P=0.481N	P=0.586N	P=0.177N
RAO-SCOTT	P=0.190N	P=0.478N	P=0.562N	P=0.218N
LITTER C-A/FISHERS	P=0.224N	P=0.585	P=0.523N	P=0.301N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 ppm Male	1000 ppm Male	3000 ppm Male	10000 ppm Male
<b>All Organs</b>				
<b>Malignant and Benign Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	42/50 (84%)	35/50 (70%)	38/50 (76%)	38/50 (76%)
LITTERS (b)	26/29 (90%)	23/25 (92%)	24/25 (96%)	23/28 (82%)
POLY-3 RATE (c)	42/48.56	35/45.87	38/47.52	38/45.91
POLY-3 PERCENT (g)	86.5%	76.3%	80%	82.8%
TERMINAL (d)	27/30 (90%)	24/29 (83%)	18/24 (75%)	28/33 (85%)
FIRST INCIDENCE	540	162	430	380
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.546	P=0.142N	P=0.270N	P=0.411N
POLY 1.5	P=0.548	P=0.114N	P=0.249N	P=0.376N
POLY 6	P=0.564	P=0.187N	P=0.304N	P=0.436N
RAO-SCOTT	P=0.532	P=0.160N	P=0.283N	P=0.414N
LITTER C-A/FISHERS	P=0.160N	P=0.572	P=0.364	P=0.333N



Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Adrenal Cortex</b>				
<b>Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	3/50 (6%)	2/50 (4%)	2/50 (4%)	0/50 (0%)
LITTERS (b)	3/29 (10%)	2/25 (8%)	2/25 (8%)	0/29 (0%)
POLY-3 RATE (c)	3/40.43	2/43.07	2/45.38	0/40.26
POLY-3 PERCENT (g)	7.4%	4.6%	4.4%	0%
TERMINAL (d)	1/30 (3%)	2/33 (6%)	1/34 (3%)	0/26 (0%)
FIRST INCIDENCE	387	730 (T)	540	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.108N	P=0.471N	P=0.448N	P=0.119N
POLY 1.5	P=0.106N	P=0.484N	P=0.470N	P=0.119N
POLY 6	P=0.114N	P=0.457N	P=0.424N	P=0.121N
RAO-SCOTT	P=0.125N	P=0.477N	P=0.459N	P=0.142N
LITTER C-A/FISHERS	P=0.090N	P=0.572N	P=0.572N	P=0.118N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Adrenal Medulla</b>				
<b>Pheochromocytoma Benign</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	3/50 (6%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	3/29 (10%)	2/25 (8%)	1/25 (4%)	0/29 (0%)
POLY-3 RATE (c)	3/39.26	2/43.07	1/44.86	0/40.26
POLY-3 PERCENT (g)	7.6%	4.6%	2.2%	0%
TERMINAL (d)	3/30 (10%)	2/33 (6%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	712	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.098N	P=0.458N	P=0.259N	P=0.113N
POLY 1.5	P=0.096N	P=0.476N	P=0.278N	P=0.116N
POLY 6	P=0.102N	P=0.438N	P=0.239N	P=0.113N
RAO-SCOTT	P=0.128N	P=0.476N	P=0.302N	P=0.155N
LITTER C-A/FISHERS	P=0.084N	P=0.572N	P=0.364N	P=0.118N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Adrenal Medulla</b>				
<b>Pheochromocytoma Malignant</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	2/29 (7%)	0/25 (0%)	1/25 (4%)	0/29 (0%)
POLY-3 RATE (c)	2/40.47	0/43.07	1/44.82	0/40.26
POLY-3 PERCENT (g)	4.9%	0%	2.2%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	478	---	721	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.292N	P=0.223N	P=0.464N	P=0.238N
POLY 1.5	P=0.285N	P=0.229N	P=0.480N	P=0.238N
POLY 6	P=0.302N	P=0.217N	P=0.449N	P=0.241N
RAO-SCOTT	P=0.345N	P=0.309N	P=0.517N	P=0.315N
LITTER C-A/FISHERS	P=0.264N	P=0.284N	P=0.557N	P=0.246N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Adrenal Medulla</b>				
<b>Pheochromocytoma: Benign, Complex, Malignant, NOS</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	5/50 (10%)	3/50 (6%)	2/50 (4%)	0/50 (0%)
LITTERS (b)	5/29 (17%)	3/25 (12%)	2/25 (8%)	0/29 (0%)
POLY-3 RATE (c)	5/40.47	3/43.47	2/44.89	0/40.26
POLY-3 PERCENT (g)	12.4%	6.9%	4.5%	0%
TERMINAL (d)	3/30 (10%)	2/33 (6%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	478	617	712	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.034N*	P=0.317N	P=0.176N	P=0.030N*
POLY 1.5	P=0.032N*	P=0.334N	P=0.192N	P=0.031N*
POLY 6	P=0.037N*	P=0.298N	P=0.159N	P=0.031N*
RAO-SCOTT	P=0.046N*	P=0.335N	P=0.203N	P=0.047N*
LITTER C-A/FISHERS	P=0.025N*	P=0.441N	P=0.277N	P=0.026N*

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Brain</b>				
<b>Granular Cell Tumor Benign</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	1/29 (3%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	1/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	2.6%	0%	0%	0%
TERMINAL (d)	1/30 (3%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	730 (T)	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Brain</b>				
<b>Meningioma Malignant</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	1/25 (4%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	1/45.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	109	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Intestine Small: Jejunum Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Intestine Small: Jejunum Leiomyoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	2/25 (8%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	2/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	4.6%	0%	0%
TERMINAL (d)	0/30 (0%)	2/33 (6%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	730 (T)	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.380N	P=0.258	(e)	(e)
POLY 1.5	P=0.385N	P=0.249	(e)	(e)
POLY 6	P=0.376N	P=0.269	(e)	(e)
RAO-SCOTT	P=0.490N	P=0.384	(e)	(e)
LITTER C-A/FISHERS	P=0.380N	P=0.210	(e)	(e)



Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Intestine Small: Site Unspecified Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

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Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Intestine Small: Site Unspecified Leiomyoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	2/25 (8%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	2/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	4.6%	0%	0%
TERMINAL (d)	0/30 (0%)	2/33 (6%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	730 (T)	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.380N	P=0.258	(e)	(e)
POLY 1.5	P=0.385N	P=0.249	(e)	(e)
POLY 6	P=0.376N	P=0.269	(e)	(e)
RAO-SCOTT	P=0.490N	P=0.384	(e)	(e)
LITTER C-A/FISHERS	P=0.380N	P=0.210	(e)	(e)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Islets, Pancreatic Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	1/25 (4%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	1/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	1/34 (3%)	0/26 (0%)
FIRST INCIDENCE	---	---	730 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Islets, Pancreatic Carcinoma or Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	1/29 (3%)	0/25 (0%)	1/25 (4%)	0/29 (0%)
POLY-3 RATE (c)	1/39.26	0/43.07	1/44.78	0/40.26
POLY-3 PERCENT (g)	2.6%	0%	2.2%	0%
TERMINAL (d)	1/30 (3%)	0/33 (0%)	1/34 (3%)	0/26 (0%)
FIRST INCIDENCE	730 (T)	---	730 (T)	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Liver</b>				
<b>Hepatocellular Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	2/50 (4%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	2/25 (8%)	2/29 (7%)
POLY-3 RATE (c)	0/39.26	0/43.07	2/44.78	2/40.50
POLY-3 PERCENT (g)	0%	0%	4.5%	4.9%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	2/34 (6%)	1/26 (4%)
FIRST INCIDENCE	---	---	730 (T)	667
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.133	(e)	P=0.268	P=0.244
POLY 1.5	P=0.133	(e)	P=0.254	P=0.240
POLY 6	P=0.128	(e)	P=0.282	P=0.244
RAO-SCOTT	P=0.194	(e)	P=0.351	P=0.318
LITTER C-A/FISHERS	P=0.153	(e)	P=0.210	P=0.246

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Liver</b>				
<b>Hepatocellular Carcinoma or Hepatocellular Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	2/50 (4%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	2/25 (8%)	2/29 (7%)
POLY-3 RATE (c)	0/39.26	0/43.07	2/44.78	2/40.50
POLY-3 PERCENT (g)	0%	0%	4.5%	4.9%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	2/34 (6%)	1/26 (4%)
FIRST INCIDENCE	---	---	730 (T)	667
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.133	(e)	P=0.268	P=0.244
POLY 1.5	P=0.133	(e)	P=0.254	P=0.240
POLY 6	P=0.128	(e)	P=0.282	P=0.244
RAO-SCOTT	P=0.194	(e)	P=0.351	P=0.318
LITTER C-A/FISHERS	P=0.153	(e)	P=0.210	P=0.246

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Liver</b>				
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	2/50 (4%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	2/25 (8%)	2/29 (7%)
POLY-3 RATE (c)	0/39.26	0/43.07	2/44.78	2/40.50
POLY-3 PERCENT (g)	0%	0%	4.5%	4.9%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	2/34 (6%)	1/26 (4%)
FIRST INCIDENCE	---	---	730 (T)	667
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.133	(e)	P=0.268	P=0.244
POLY 1.5	P=0.133	(e)	P=0.254	P=0.240
POLY 6	P=0.128	(e)	P=0.282	P=0.244
RAO-SCOTT	P=0.194	(e)	P=0.351	P=0.318
LITTER C-A/FISHERS	P=0.153	(e)	P=0.210	P=0.246

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Lung</b>				
<b>Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma</b>				
<hr/>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/38.68	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

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Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Lung</b>				
<b>Cystic Keratinizing Epithelioma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/49 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	2/29 (7%)
POLY-3 RATE (c)	0/38.68	0/43.07	0/44.78	2/40.26
POLY-3 PERCENT (g)	0%	0%	0%	5%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	2/26 (8%)
FIRST INCIDENCE	---	---	---	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.040*	(e)	(e)	P=0.246
POLY 1.5	P=0.041*	(e)	(e)	P=0.244
POLY 6	P=0.038*	(e)	(e)	P=0.244
RAO-SCOTT	P=0.122	(e)	(e)	P=0.371
LITTER C-A/FISHERS	P=0.050*	(e)	(e)	P=0.246

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Mammary Gland Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	7/50 (14%)	5/50 (10%)	7/50 (14%)	1/50 (2%)
LITTERS (b)	6/29 (21%)	5/25 (20%)	7/25 (28%)	1/29 (3%)
POLY-3 RATE (c)	7/40.54	5/43.82	7/44.90	1/40.71
POLY-3 PERCENT (g)	17.3%	11.4%	15.6%	2.5%
TERMINAL (d)	5/30 (17%)	4/33 (12%)	5/34 (15%)	0/26 (0%)
FIRST INCIDENCE	379	458	709	599
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.037N*	P=0.324N	P=0.533N	P=0.028N*
POLY 1.5	P=0.035N*	P=0.348N	P=0.569N	P=0.030N*
POLY 6	P=0.040N*	P=0.299N	P=0.494N	P=0.028N*
RAO-SCOTT	P=0.047N*	P=0.338N	P=0.532N	P=0.043N*
LITTER C-A/FISHERS	P=0.033N*	P=0.610N	P=0.378	P=0.051N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Mammary Gland Fibroadenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	32/50 (64%)	30/50 (60%)	27/50 (54%)	18/50 (36%)
LITTERS (b)	23/29 (79%)	19/25 (76%)	18/25 (72%)	18/29 (62%)
POLY-3 RATE (c)	32/46.74	30/47.63	27/46.26	18/43.91
POLY-3 PERCENT (g)	68.5%	63%	58.4%	41%
TERMINAL (d)	18/30 (60%)	17/33 (52%)	19/34 (56%)	9/26 (35%)
FIRST INCIDENCE	344	458	511	411
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.004N**	P=0.364N	P=0.209N	P=0.005N**
POLY 1.5	P=0.003N**	P=0.397N	P=0.216N	P=0.005N**
POLY 6	P=0.006N**	P=0.319N	P=0.204N	P=0.007N**
RAO-SCOTT	P=0.007N**	P=0.381N	P=0.233N	P=0.012N*
LITTER C-A/FISHERS	P=0.089N	P=0.513N	P=0.378N	P=0.124N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Mammary Gland</b>				
<b>Fibroma, Fibroadenoma, Carcinoma, or Adenoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	36/50 (72%)	33/50 (66%)	28/50 (56%)	19/50 (38%)
LITTERS (b)	24/29 (83%)	21/25 (84%)	19/25 (76%)	18/29 (62%)
POLY-3 RATE (c)	36/48.02	33/47.63	28/46.34	19/44.36
POLY-3 PERCENT (g)	75%	69.3%	60.4%	42.8%
TERMINAL (d)	20/30 (67%)	20/33 (61%)	19/34 (56%)	9/26 (35%)
FIRST INCIDENCE	344	458	511	411
<b>STATISTICAL TESTS</b>				
POLY 3	P<0.001N**	P=0.346N	P=0.092N	P<0.001N**
POLY 1.5	P<0.001N**	P=0.357N	P=0.089N	P<0.001N**
POLY 6	P<0.001N**	P=0.318N	P=0.096N	P<0.001N**
RAO-SCOTT	P<0.001N**	P=0.354N	P=0.106N	P=0.002N**
LITTER C-A/FISHERS	P=0.026N*	P=0.598	P=0.390N	P=0.070N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Pancreas</b>				
<b>Adenoma</b>				
<hr/>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	1/25 (4%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	1/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	1/34 (3%)	0/26 (0%)
FIRST INCIDENCE	---	---	730 (T)	---
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

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Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Pancreas Carcinoma or Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	1/25 (4%)	1/29 (3%)
POLY-3 RATE (c)	0/39.26	0/43.07	1/44.78	1/40.52
POLY-3 PERCENT (g)	0%	0%	2.2%	2.5%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	1/34 (3%)	0/26 (0%)
FIRST INCIDENCE	---	---	730 (T)	659
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female

---

Pituitary Gland: Pars Distalis or Unspecified Site  
Adenoma

---

**TUMOR RATES**

OVERALL (a)	19/50 (38%)	25/50 (50%)	21/50 (42%)	16/50 (32%)
LITTERS (b)	17/29 (59%)	20/25 (80%)	16/25 (64%)	11/29 (38%)
POLY-3 RATE (c)	19/42.03	25/44.10	21/45.43	16/41.33
POLY-3 PERCENT (g)	45.2%	56.7%	46.2%	38.7%
TERMINAL (d)	13/30 (43%)	19/33 (58%)	15/34 (44%)	11/26 (42%)
FIRST INCIDENCE	424	617	667	577

---

**STATISTICAL TESTS**

POLY 3	P=0.141N	P=0.192	P=0.548	P=0.350N
POLY 1.5	P=0.131N	P=0.173	P=0.492	P=0.347N
POLY 6	P=0.171N	P=0.219	P=0.572N	P=0.375N
RAO-SCOTT	P=0.156N	P=0.208	P=0.543	P=0.354N
LITTER C-A/FISHERS	P=0.008N**	P=0.081	P=0.451	P=0.094N

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

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Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Pituitary Gland: Pars Intermedia Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

---



Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Skin</b>				
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	0/29 (0%)	1/25 (4%)	0/25 (0%)	2/29 (7%)
POLY-3 RATE (c)	0/39.26	1/43.69	0/44.78	2/40.54
POLY-3 PERCENT (g)	0%	2.3%	0%	4.9%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	529	---	694
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.149	P=0.521	(e)	P=0.244
POLY 1.5	P=0.148	P=0.512	(e)	P=0.240
POLY 6	P=0.147	P=0.531	(e)	P=0.245
RAO-SCOTT	P=0.216	P=0.593	(e)	P=0.325
LITTER C-A/FISHERS	P=0.166	P=0.463	(e)	P=0.246

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Skin</b>				
<b>Fibroma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Skin</b>				
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Malignant Fibrous Histiocytoma				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	1/25 (4%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	1/44.87	0/40.26
POLY-3 PERCENT (g)	0%	0%	2.2%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	709	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Skin</b>				
<b>Keratoacanthoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Skin</b>				
<b>Lipoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Skin</b>				
<b>Squamous Cell Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	2/29 (7%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	2/40.54
POLY-3 PERCENT (g)	0%	0%	0%	4.9%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	694
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.040*	(e)	(e)	P=0.244
POLY 1.5	P=0.040*	(e)	(e)	P=0.240
POLY 6	P=0.039*	(e)	(e)	P=0.245
RAO-SCOTT	P=0.127	(e)	(e)	P=0.375
LITTER C-A/FISHERS	P=0.050*	(e)	(e)	P=0.246

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Skin</b>				
<b>Squamous Cell Papilloma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Skin</b>				
<b>Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	2/29 (7%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	2/40.54
POLY-3 PERCENT (g)	0%	0%	0%	4.9%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	694
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.040*	(e)	(e)	P=0.244
POLY 1.5	P=0.040*	(e)	(e)	P=0.240
POLY 6	P=0.039*	(e)	(e)	P=0.245
RAO-SCOTT	P=0.127	(e)	(e)	P=0.375
LITTER C-A/FISHERS	P=0.050*	(e)	(e)	P=0.246



Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Skin</b>				
<b>Squamous Cell Papilloma, Papilloma, or Keratoacanthoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Thyroid Gland: C-Cell Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	5/50 (10%)	11/50 (22%)	17/50 (34%)	10/50 (20%)
LITTERS (b)	5/29 (17%)	10/25 (40%)	15/25 (60%)	9/29 (31%)
POLY-3 RATE (c)	5/40.21	11/43.75	17/45.76	10/41.18
POLY-3 PERCENT (g)	12.4%	25.1%	37.2%	24.3%
TERMINAL (d)	3/30 (10%)	9/33 (27%)	12/34 (35%)	6/26 (23%)
FIRST INCIDENCE	582	529	540	581
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.346	P=0.113	P=0.007**	P=0.135
POLY 1.5	P=0.349	P=0.100	P=0.005**	P=0.132
POLY 6	P=0.326	P=0.127	P=0.011*	P=0.133
RAO-SCOTT	P=0.326	P=0.108	P=0.008**	P=0.128
LITTER C-A/FISHERS	P=0.487	P=0.060	P<0.001**	P=0.179

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female

---

Thyroid Gland: C-Cell  
Carcinoma

---

**TUMOR RATES**

OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	1/29 (3%)	1/25 (4%)	0/25 (0%)	1/29 (3%)
POLY-3 RATE (c)	1/39.26	1/43.07	0/44.78	1/40.26
POLY-3 PERCENT (g)	2.6%	2.3%	0%	2.5%
TERMINAL (d)	1/30 (3%)	1/33 (3%)	0/34 (0%)	1/26 (4%)
FIRST INCIDENCE	730 (T)	730 (T)	---	730 (T)

---

**STATISTICAL TESTS**

POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Thyroid Gland: C-Cell Carcinoma or Adenoma</b>				
<b>TUMOR RATES</b>				
OVERALL (a)	6/50 (12%)	11/50 (22%)	17/50 (34%)	11/50 (22%)
LITTERS (b)	6/29 (21%)	10/25 (40%)	15/25 (60%)	10/29 (34%)
POLY-3 RATE (c)	6/40.21	11/43.75	17/45.76	11/41.18
POLY-3 PERCENT (g)	14.9%	25.1%	37.2%	26.7%
TERMINAL (d)	4/30 (13%)	9/33 (27%)	12/34 (35%)	7/26 (27%)
FIRST INCIDENCE	582	529	540	581
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.296	P=0.185	P=0.017*	P=0.148
POLY 1.5	P=0.301	P=0.166	P=0.012*	P=0.144
POLY 6	P=0.276	P=0.207	P=0.024*	P=0.145
RAO-SCOTT	P=0.278	P=0.174	P=0.017*	P=0.139
LITTER C-A/FISHERS	P=0.432	P=0.106	P=0.004**	P=0.189

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Uterus Carcinoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	5/50 (10%)	3/50 (6%)	0/50 (0%)	4/50 (8%)
LITTERS (b)	5/29 (17%)	3/25 (12%)	0/25 (0%)	4/29 (14%)
POLY-3 RATE (c)	5/39.57	3/43.07	0/44.78	4/40.26
POLY-3 PERCENT (g)	12.6%	7%	0%	9.9%
TERMINAL (d)	4/30 (13%)	3/33 (9%)	0/34 (0%)	4/26 (15%)
FIRST INCIDENCE	644	730 (T)	---	730 (T)
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.553	P=0.310N	P=0.021N*	P=0.489N
POLY 1.5	P=0.562	P=0.329N	P=0.025N*	P=0.495N
POLY 6	P=0.538	P=0.290N	P=0.018N*	P=0.494N
RAO-SCOTT	P=0.555	P=0.325N	P=0.036N*	P=0.486N
LITTER C-A/FISHERS	P=0.595N	P=0.441N	P=0.038N*	P=0.500N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Uterus</b>				
<b>Polyp Stromal</b>				
<b>TUMOR RATES</b>	#	#	#	#
<b>OVERALL (a)</b>	8/50 (16%)	15/50 (30%)	18/50 (36%)	10/50 (20%)
<b>LITTERS (b)</b>	8/29 (28%)	12/25 (48%)	16/25 (64%)	10/29 (34%)
<b>POLY-3 RATE (c)</b>	8/39.26	15/44.30	18/45.16	10/41.00
<b>POLY-3 PERCENT (g)</b>	20.4%	33.9%	39.9%	24.4%
<b>TERMINAL (d)</b>	8/30 (27%)	12/33 (36%)	14/34 (41%)	7/26 (27%)
<b>FIRST INCIDENCE</b>	730 (T)	529	681	599
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.400N	P=0.126	P=0.042*	P=0.435
<b>POLY 1.5</b>	P=0.403N	P=0.101	P=0.029*	P=0.416
<b>POLY 6</b>	P=0.418N	P=0.164	P=0.062	P=0.448
<b>RAO-SCOTT</b>	P=0.415N	P=0.132	P=0.049*	P=0.424
<b>LITTER C-A/FISHERS</b>	P=0.450N	P=0.103	P=0.008**	P=0.389

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Uterus</b>				
<b>Sarcoma Stromal</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	1/25 (4%)	2/25 (8%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	1/43.07	2/45.60	0/40.26
POLY-3 PERCENT (g)	0%	2.3%	4.4%	0%
TERMINAL (d)	0/30 (0%)	1/33 (3%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	730 (T)	525	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.498N	P=0.518	P=0.272	(e)
POLY 1.5	P=0.500N	P=0.511	P=0.257	(e)
POLY 6	P=0.503N	P=0.527	P=0.289	(e)
RAO-SCOTT	P=0.533N	P=0.570	P=0.345	(e)
LITTER C-A/FISHERS	P=0.481N	P=0.463	P=0.210	(e)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Uterus</b>				
<b>Sarcoma Stromal or Polyp Stromal</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	8/50 (16%)	15/50 (30%)	19/50 (38%)	10/50 (20%)
LITTERS (b)	8/29 (28%)	12/25 (48%)	17/25 (68%)	10/29 (34%)
POLY-3 RATE (c)	8/39.26	15/44.30	19/45.79	10/41.00
POLY-3 PERCENT (g)	20.4%	33.9%	41.5%	24.4%
TERMINAL (d)	8/30 (27%)	12/33 (36%)	14/34 (41%)	7/26 (27%)
FIRST INCIDENCE	730 (T)	529	525	599
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.394N	P=0.126	P=0.029*	P=0.435
POLY 1.5	P=0.396N	P=0.101	P=0.019*	P=0.416
POLY 6	P=0.412N	P=0.164	P=0.047*	P=0.448
RAO-SCOTT	P=0.409N	P=0.132	P=0.035*	P=0.424
LITTER C-A/FISHERS	P=0.438N	P=0.103	P=0.003**	P=0.389



Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>Uterus</b>				
<b>Schwannoma Malignant</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	2/25 (8%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	2/46.06	0/40.26
POLY-3 PERCENT (g)	0%	0%	4.3%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	498	---
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.680N	(e)	P=0.275	(e)
POLY 1.5	P=0.679N	(e)	P=0.259	(e)
POLY 6	P=0.687N	(e)	P=0.292	(e)
RAO-SCOTT	P=0.705N	(e)	P=0.396	(e)
LITTER C-A/FISHERS	P=0.657N	(e)	P=0.210	(e)

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>All Organs</b>				
<b>Hemangiosarcoma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	2/29 (7%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	2/41.62
POLY-3 PERCENT (g)	0%	0%	0%	4.8%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	379
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.041*	(e)	(e)	P=0.250
POLY 1.5	P=0.041*	(e)	(e)	P=0.244
POLY 6	P=0.040*	(e)	(e)	P=0.253
RAO-SCOTT	P=0.136	(e)	(e)	P=0.385
LITTER C-A/FISHERS	P=0.050*	(e)	(e)	P=0.246

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>All Organs</b>				
<b>Hemangiosarcoma or Hemangioma</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	2/29 (7%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	2/41.62
POLY-3 PERCENT (g)	0%	0%	0%	4.8%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	379
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.041*	(e)	(e)	P=0.250
POLY 1.5	P=0.041*	(e)	(e)	P=0.244
POLY 6	P=0.040*	(e)	(e)	P=0.253
RAO-SCOTT	P=0.136	(e)	(e)	P=0.385
LITTER C-A/FISHERS	P=0.050*	(e)	(e)	P=0.246

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>All Organs</b>				
<b>Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	0/50 (0%)	1/50 (2%)
LITTERS (b)	0/29 (0%)	2/25 (8%)	0/25 (0%)	1/29 (3%)
POLY-3 RATE (c)	0/39.26	2/43.29	0/44.78	1/40.69
POLY-3 PERCENT (g)	0%	4.6%	0%	2.5%
TERMINAL (d)	0/30 (0%)	1/33 (3%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	672	---	604
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.629	P=0.259	(e)	P=0.507
POLY 1.5	P=0.623	P=0.250	(e)	P=0.504
POLY 6	P=0.631	P=0.271	(e)	P=0.509
RAO-SCOTT	P=0.631	P=0.343	(e)	P=0.565
LITTER C-A/FISHERS	P=0.633	P=0.210	(e)	P=0.500

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

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DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>All Organs</b>				
<b>Mesothelioma: Benign, Malignant, NOS</b>				
<hr/>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

---

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>All Organs</b>				
<b>Mesothelioma: Malignant</b>				
<hr/>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
LITTERS (b)	0/29 (0%)	0/25 (0%)	0/25 (0%)	0/29 (0%)
POLY-3 RATE (c)	0/39.26	0/43.07	0/44.78	0/40.26
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/30 (0%)	0/33 (0%)	0/34 (0%)	0/26 (0%)
FIRST INCIDENCE	---	---	---	---
<hr/>				
<b>STATISTICAL TESTS</b>				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
RAO-SCOTT	(n)	(n)	(n)	(n)
LITTER C-A/FISHERS	(n)	(n)	(n)	(n)

---

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>All Organs</b>				
<b>Benign Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	41/50 (82%)	47/50 (94%)	42/50 (84%)	33/50 (66%)
LITTERS (b)	27/29 (93%)	25/25 (100%)	24/25 (96%)	23/29 (79%)
POLY-3 RATE (c)	41/47.69	47/48.17	42/47.26	33/44.73
POLY-3 PERCENT (g)	86%	97.6%	88.9%	73.8%
TERMINAL (d)	25/30 (83%)	32/33 (97%)	30/34 (88%)	20/26 (77%)
FIRST INCIDENCE	344	458	511	411
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.003N**	P=0.034*	P=0.451	P=0.099N
POLY 1.5	P=0.002N**	P=0.031*	P=0.446	P=0.081N
POLY 6	P=0.008N**	P=0.049*	P=0.458	P=0.144N
RAO-SCOTT	P=0.009N**	P=0.066	P=0.472	P=0.140N
LITTER C-A/FISHERS	P=0.010N**	P=0.284	P=0.557	P=0.126N

Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

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First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>All Organs</b>				
<b>Malignant Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
OVERALL (a)	15/50 (30%)	13/50 (26%)	13/50 (26%)	14/50 (28%)
LITTERS (b)	13/29 (45%)	11/25 (44%)	12/25 (48%)	12/29 (41%)
POLY-3 RATE (c)	15/42.06	13/44.44	13/48.08	14/43.49
POLY-3 PERCENT (g)	35.7%	29.3%	27%	32.2%
TERMINAL (d)	10/30 (33%)	10/33 (30%)	5/34 (15%)	6/26 (23%)
FIRST INCIDENCE	379	458	109	379
<b>STATISTICAL TESTS</b>				
POLY 3	P=0.555N	P=0.341N	P=0.256N	P=0.456N
POLY 1.5	P=0.557N	P=0.372N	P=0.312N	P=0.479N
POLY 6	P=0.556	P=0.308N	P=0.205N	P=0.439N
RAO-SCOTT	P=0.544N	P=0.342N	P=0.262N	P=0.451N
LITTER C-A/FISHERS	P=0.446N	P=0.585N	P=0.516	P=0.500N



Experiment Number: 10260 - 01

Test Type: Chronic PN

Route: DOSED FEED

Species/Strain: RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

CAS Number: 131-57-7

Date Report Requested: 12/19/2019

Time Report Requested: 15:00:32

First Dose M/F: 11/08/10 / 11/09/10

Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN RATS(HSD)  
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 ppm Female	1000 ppm Female	3000 ppm Female	10000 ppm Female
<b>All Organs</b>				
<b>Malignant and Benign Tumors</b>				
<b>TUMOR RATES</b>	#	#	#	#
<b>OVERALL (a)</b>	47/50 (94%)	47/50 (94%)	45/50 (90%)	40/50 (80%)
<b>LITTERS (b)</b>	29/29 (100%)	25/25 (100%)	25/25 (100%)	26/29 (90%)
<b>POLY-3 RATE (c)</b>	47/50.00	47/48.17	45/49.56	40/46.93
<b>POLY-3 PERCENT (g)</b>	94%	97.6%	90.8%	85.2%
<b>TERMINAL (d)</b>	27/30 (90%)	32/33 (97%)	30/34 (88%)	22/26 (85%)
<b>FIRST INCIDENCE</b>	344	458	109	379
<b>STATISTICAL TESTS</b>				
<b>POLY 3</b>	P=0.028N*	P=0.351	P=0.410N	P=0.127N
<b>POLY 1.5</b>	P=0.017N*	P=0.430	P=0.386N	P=0.088N
<b>POLY 6</b>	P=0.060N	P=0.323	P=0.444N	P=0.201N
<b>RAO-SCOTT</b>	P=0.049N*	P=0.397	P=0.446N	P=0.174N
<b>LITTER C-A/FISHERS</b>	P=0.011N*	P=1.000	P=1.000	P=0.118N

**Experiment Number:** 10260 - 01

**Test Type:** Chronic PN

**Route:** DOSED FEED

**Species/Strain:** RATS/HSD

**P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS**

2-Hydroxy-4-methoxybenzophenone

**CAS Number:** 131-57-7

**Date Report Requested:** 12/19/2019

**Time Report Requested:** 15:00:32

**First Dose M/F:** 11/08/10 / 11/09/10

**Lab:** BAT

**LEGEND**

- (a) Number of tumor-bearing animals/number of animals examined at site.
- (b) Number of litters with tumor-bearing animals/number of litters examined at site
- (c) Number of tumor-bearing animals/Poly-3 number
- (d) Observed incidence at terminal kill.
- (e) Value of statistic cannot be computed.
- (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
- (g) Poly-3 adjusted lifetime tumor incidence.
- (I) Interim sacrifice
- (T) Terminal sacrifice
- # Tumor rates based on numbers of animals necropsied.
- \* To the right of any statistical result, indicates significance at ( $P \leq 0.05$ ).
- \*\* To the right of any statistical result, indicates significance at ( $P \leq 0.01$ ).
- N Indicates a negative trend for all tests  
The Rao-Scott statistic performs the Poly-3 test with an adjustment for within-litter correlation.  
The Litter C-A/Fishers statistic compares directly the litter incidence rates.

\*\*\* END OF REPORT \*\*\*